ELSEVIER

Mechanisms of Development 98 (2000) 215–216

Volume contents

Volume 98 (2000)

Volume 98 Nos. 1,2

Issue Contents 1

Original articles

M. Shinya, C. Eschbach, M. Clark, H. Lehrach, M. Furutani-Seiki (Germany, Japan)
Zebrafish Dkk1, induced by the pre-MBT Wnt signaling, is secreted from the prechordal plate and patterns the anterior neural plate 3

A.C. Nagel, Y. Apidianakis, I. Wech, D. Maier, C. Delidakis, A. Preiss (Germany, Greece)
Neural hyperplasia induced by RNA interference with m4/mα gene activity 19

S. Knöchel, A. Schuler-Metz, W. Knöchel (Germany)
c-Jun (AP-1) activates *BMP-4* transcription in *Xenopus* embryos 29

R. Suzuki, T. Shintani, H. Sakuta, A. Kato, T. Ohkawara, N. Osumi, M. Noda (Japan)
Identification of RALDH-3, a novel retinaldehyde dehydrogenase, expressed in the ventral region of the retina 37

K. Wertz, B.G. Herrmann (Germany)
Large-scale screen for genes involved in gonad development 51

D. Szüts, M. Bienz (UK)
An autoregulatory function of Dfos during Drosophila endoderm induction 71

L. Neidhardt, S. Gasca, K. Wertz, F. Obermayr, S. Worpenberg, H. Lehrach, B.G. Herrmann (Germany)
Large-scale screen for genes controlling mammalian embryogenesis, using high-throughput gene expression analysis in mouse embryos 77

Gene expression patterns

L.C. Post, M. Ternet, B.L.M. Hogan (USA)
Notch/Delta expression in the developing mouse lung 95

T. Takabatake, T.C. Takahashi, Y. Takabatake, K. Yamada, M. Ogawa, K. Takeshima (Japan)
Distinct expression of two types of *Xenopus Patched* genes during early embryogenesis and hindlimb development 99

N. Fager, D.M. Jaworski (USA)
Differential spatial distribution and temporal regulation of tissue inhibitor of metalloproteinase mRNA expression during rat central nervous system development 105

H.E. Abud, C.N. Johnstone, N.C. Tebbutt, J.K. Heath (Australia)
The murine A33 antigen is expressed at two distinct sites during development, the ICM of the blastocyst and the intestinal epithelium 111

S. Ito, S. Kinoshita, N. Shiraishi, S. Nakagawa, S. Sekine, T. Fujimori, Y.-i. Nabeshima (Japan)
Molecular cloning and expression analyses of mouse *βklotho*, which encodes a novel Klotho family protein 115

M.R. Stark, M.S. Rao, G.C. Schoenwolf, G. Yang, D. Smith, T.J. Mauch (USA)
Frizzled-4 expression during chick kidney development 121

M. Sefton, M.J. Blanco, P. Penela, F. Mayor Jr., M.A. Nieto (Spain)
Expression of the G protein-coupled receptor kinase 2 during early mouse embryogenesis 127

D. Vasiliauskas, C.D. Stern (USA)
Expression of mouse HES-6, a new member of the Hairy/Enhancer of split family of bHLH transcription factors 133

H. Kataoka, M. Ochi, K.-i. Enomoto, A. Yamaguchi (Japan)
Cloning and embryonic expression patterns of the zebrafish Runt domain genes, *runxa* and *runxb* 139

T. Nagase, Y. Shimoda, Y. Sanai, S. Nakamura, K. Harii, N. Osumi (Japan)
Differential expression of two glucuronyltransferases synthesizing HNK-1 carbohydrate epitope in the sublineages of the rat myogenic progenitors 145

M. Kobayashi, H. Osanai, K. Kawakami, M. Yamamoto (Japan)
Expression of three zebrafish Six4 genes in the cranial sensory placodes and the developing somites 151

T. Schlange, B. Andrée, H.-H. Arnold, T. Brand (Germany)
Expression analysis of the chicken homologue of CITED2 during early stages of embryonic development 157

K. Furushima, T. Murata, I. Matsuo, S. Aizawa (Japan)
A new murine zinc finger gene, *Opr* 161

D. Tomotsune, M. Shirai, Y. Takihara, K. Shimada (Japan)
Regulation of *Hoxb3* expression in the hindbrain and pharyngeal arches by *rae28*, a member of the mammalian Polycomb group of genes 165

R. Schweitzer, K.J. Vogan, C.J. Tabin (USA)
Similar expression and regulation of *Gli2* and *Gli3* in the chick limb bud 171

C. Leimeister, N. Schumacher, C. Steidl, M. Gessler (Germany)
Analysis of *HeyL* expression in wild-type and Notch pathway mutant mouse embryos 175

G. Buchner, V. Broccoli, A. Bulfone, U. Orfanelli, C. Gattuso, A. Ballabio, B. Franco (Italy)
MAEG, an EGF-repeat containing gene, is a new marker associated with dermatome specification and morphogenesis of its derivatives 179

A.-L. Gustafson, I. Mason (UK)
Expression of receptor tyrosine phosphatase gamma during early development of the chick embryo 183

R.P. Tucker, D. Martin, R. Kos, R. Chiquet-Ehrismann (USA, Switzerland)
The expression of teneurin-4 in the avian embryo 187

Meeting report
G. Alvarez-Bolado, D.G. Wilkinson (Germany, UK)
Molecular analysis of brain development and function 193

Erratum 199

Author Index 203

Subject Index 205

Volume Contents 215

Announcement: 14th International Congress of Developmental Biology 217

Announcement: Gene Expression Patterns journal 219

Instructions to Authors 221

Instructions to Authors for Gene Expression Patterns 225

Contents continued 227